



SAFETY DATA SHEET

Revision 01

Revision date: 11/30/2018

SECTION 1. PRODUCT SUBSTANCE IDENTIFICATION

| | |
|-----------------------------|---|
| PRODUCT NAME: | Ovaplant - L (sGnRH _a) (Salmon GnRH Acetate Suspension for Injection, 100 µg sGnRH/mL) |
| PRODUCT NUMBER: | |
| CHEMICAL FORMULA: | |
| MOLECULAR WEIGHT: | |
| PRODUCT USE: | "Ovaplant - L" is a sustained release, injectable salmon gonadotropin releasing hormone (sGnRH) analog indicated for inducing spawning in salmon. |
| MANUFACTURER'S NAME: | Syndel, USA |
| ADDRESS: | 1441 W Smith Road Ferndale, WA 98248 |
| BUSINESS PHONE: | 1-800-283-5292 |
| EMERGENCY PHONE: | 1-800-283-5292 – Monday-Friday 0800-1600 Pacific Time |



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SECTION 2. HAZARD IDENTIFICATION

| HAZARD CLASS | CODE | HAZARD STATEMENTS | HAZARD CATEGORY |
|---------------------------------------|------|--|-----------------|
| PHYSICAL HAZARDS: | | None | |
| Explosive Hazards: | | None | |
| Flammability Hazards: | | None | |
| Aerosol Hazards: | | None | |
| Oxidizing Hazards: | | None | |
| Self-Reactive Hazards: | | None | |
| Corrosive Hazards: | | None | |
| HEALTH HAZARDS: | | The known health effects from occupational exposure have not been thoroughly investigated. Therefore, exercise care when handling this material. Pregnant women and women of childbearing age should exercise caution when handling this product. Accidental administration may lead to disruption of the menstrual cycle. | |
| Acute Toxicity: | H303 | May be harmful if swallowed. | 5 |
| Skin Corrosion/Irritation: | H316 | May cause mild skin irritation. | 3 |
| Serious Eye Damage/Irritation: | H320 | May cause eye irritation. | 2B |
| Respiratory or Skin Sensitization: | | No data available. | |
| Germ Cell Mutagenicity: | | No data available. | |
| Carcinogenicity: | | No data available. | |
| Reproductive Toxicity: | | No data available. | |
| * STOT Single Exposure: | | No data available. | |
| * STOT Repeated Exposure: | | No data available. | |
| Aspiration Hazards: | | No data available. | |
| ENVIRONMENTAL HAZARDS: | | None | |
| Hazardous to the Aquatic Environment: | | None | |
| Hazardous to the Ozone Layer: | | None | |

* Specific Target Organ Toxicity



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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT | WEIGHT | CAS NUMBER |
|-----------------------------|--------|--------------------------------------|
| Sucrose Acetate Isobutyrate | 70% | 126-13-6, 27216-37-1, or 137204-24-1 |
| Propylene Carbonate | 30% | 108-32-7 |
| Salmon GnRH Analog | < 0.2 | n/a |

SECTION 4. FIRST AID MEASURES

| | |
|--------------------|---|
| INHALATION: | If inhaled, move to fresh air. If breathing becomes difficult get medical attention. |
| EYES: | In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms persist. |
| SKIN: | In case of skin contact, contact areas should be washed immediately with alcohol or a solvent of low toxicity, followed by soap and water, as this product is insoluble in water. Get medical attention if symptoms persist. |
| INGESTION: | If swallowed, wash out mouth with water. Components sucrose acetate isobutyrate and propylene carbonate are on the Generally Recognized as Safe (GRAS) substance list. Salmon GnRH acetate is a peptide and peptides are normally degraded upon ingestion. Get medical attention if symptoms persist. |

SECTION 5. FIRE FIGHTING MEASURES

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| GENERAL FIRE HAZARDS: | No data available. |
| EXTINGUISHING MEDIA: | Water spray, dry chemical powder, or appropriate foam. |
| SPECIAL FIRE FIGHTING PROCEDURES: | Wear self-contained breathing apparatus and protective clothing to prevent contact. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| PERSONAL PRECAUTIONS, PPE, EMERGENCY: | Wear appropriate personal protective equipment to prevent direct contact with skin or eyes. |
| ENVIRONMENTAL PRECAUTIONS: | Not regarded as dangerous for environment. |
| METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: | Wipe up or absorb spill with inert dry material and place in appropriate waste disposal container. Finish cleaning by wiping area with isopropyl alcohol (70-100%). |



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SECTION 7. HANDLING AND STORAGE

| | |
|---------------------------------------|---|
| PRECAUTIONS FOR SAFE HANDLING: | No special precautions are necessary beyond good normal hygiene practices to minimize contact with skin and eyes. |
| CONDITIONS FOR SAFE STORAGE: | Store at or below 8°C. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--|--|
| CONTROL PARAMETERS: | No data available. |
| ENGINEERING CONTROLS: | Under indicated use, general room ventilation is satisfactory. Use local exhaust ventilation when necessary. |
| INDIVIDUAL PROTECTION MEASURES (PPE): | |
| Eye/Face Protection: | Safety glasses or goggles recommended. |
| Skin Protection: | Disposable latex, or other, gloves recommended. |
| Respiratory Protection: | With satisfactory ventilation, respiratory protection not usually required. |
| Thermal Hazards: | None |
| Clothing: | Disposable garments if direct skin contact is anticipated. |



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| A. PHYSICAL APPEARANCE: | |
| Physical State: | Liquid |
| Form: | Viscous liquid |
| Color: | Off-white to cream colored suspension |
| B. ODOR: | No data available |
| C. ODOR THRESHOLD: | No data available |
| D. pH: | 6 -7.5 |
| E. MELTING POINT/FREEZING POINT: | No data available |
| F. INITIAL BOILING POINT & RANGE: | No data available |
| G. FLASH POINT: | No data available |
| H. EVAPORATION RATE: | No data available |
| I. FLAMMABILITY | No data available |
| J. UPPER/LOWER FLAMMABILITY | No data available |
| K. VAPOR PRESSURE: | No data available |
| L. VAPOR DENSITY: | No data available |
| M. RELATIVE DENSITY: | 1.16 g/ml |
| N. SOLUBILITY(IES): | |
| Solubility in Water: | Negligible |
| Solubility (Other): | Very soluble in isopropyl alcohol (70-100%) |
| O. PARTITION COEFFICIENT: | No data available |
| P. AUTO-IGNITION TEMPERATURE: | No data available |
| Q. DECOMPOSITION TEMPERATURE: | No data available |
| R. VISCOSITY: | No data available |

SECTION 10. STABILITY AND REACTIVITY

| | |
|--|-------------------------------|
| REACTIVITY: | No data available |
| CHEMICAL STABILITY: | Stable |
| POSSIBILITY OF HAZARDOUS REACTIONS: | No data available |
| CONDITIONS/MATERIALS TO AVOID: | Do not expose to extreme heat |
| INCOMPATIBLE MATERIALS: | No data available |
| HAZARDOUS DECOMPOSITION PRODUCTS: | No data available |



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SECTION 11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| ACUTE TOXICITY: | |
| Oral: | May be harmful if swallowed. |
| Dermal: | May cause mild skin irritation. |
| Inhalation: | No data available |
| REPEATED DOSE TOXICITY: | No data available |
| SKIN CORROSION/IRRITATION: | May cause mild skin irritation. |
| SERIOUS EYE DAMAGE/IRRITATION: | May cause mild eye irritation. |
| RESPIRATORY OR SKIN SENSITIZATION: | No data available |
| MUTAGENICITY: | No data available |
| CARCINOGENICITY: | No data available |
| REPRODUCTIVE TOXICITY: | Pregnant women and women of childbearing age should exercise caution when handling this product. Accidental administration may lead to disruption of the menstrual cycle. |
| SPECIFIC TARGET ORGAN TOXICITY: | No data available |
| ASPIRATION HAZARD: | No data available |
| OTHER ADVERSE EFFECTS: | The known health effects from occupational exposure have not been thoroughly investigated. Therefore, exercise care when handling this material. |

SECTION 12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|-------------------|
| TOXICITY: | No data available |
| PERSISTENCE AND DEGRADABILITY: | No data available |
| BIOACCUMULATIVE POTENTIAL: | No data available |
| MOBILITY IN SOIL: | No data available |

SECTION 13. DISPOSAL INFORMATION

| | |
|-----------------------------|--|
| GENERAL INFORMATION: | No data available |
| DISPOSAL METHODS: | Dispose of waste in accordance with local authority. |



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SECTION 14. TRANSPORT INFORMATION

| | |
|-------------------------|-------------------|
| UN Number: | Not regulated |
| Transport Hazard Class: | Not Applicable |
| Packing Group: | Not Applicable |
| Environmental Hazard: | No data available |

SECTION 15. REGULATORY INFORMATION

Not Applicable

SECTION 16. OTHER INFORMATION

Not Applicable

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